Refine Search

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search Results -

Terms	Documents
L45 and (((hold near2 back\$) or constrain\$ or confin\$ or restrain\$) with (vehicle or automobile or car or flight or airplane))	0

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Set

Database:



Search History

DATE: Friday, September 15, 2006 Purge Queries Printable Copy Create Case

Name side by side	Query	<u>Count</u>	Name result set
DB= OP=O	=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES PR	5;	
<u>L46</u>	L45 and (((hold near2 back\$) or constrain\$ or confin\$ or restrain\$) with (vehicle or automobile or car or flight or airplane))	0	<u>L46</u>
<u>L45</u>	142 or 143 or 144 or 135	66	<u>L45</u>
DB=	=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L44</u>	(3569819 3780343 3859624 3539900 3641421 4025791 4017780 4317068 4457285 4868730 3949397 5049786 3299424 3852656 3718853 3906919 4589398 3911433 3671963 3182930 3104478 4046961 3753071)![PN]	23	<u>L44</u>
<u>L43</u>	("4121102" "5207208" "3919620")[PN]	3	<u>L43</u>

Set

	("4121102" "5207208" "3919620")[URPN] =PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES;	39	<u>L42</u>
OP = O			
<u>L41</u>	L40 and (fir\$ with puls\$).clm.	3	<u>L41</u>
<u>L40</u>	L39 and fet\$	17	<u>L40</u>
<u>L39</u>	137 or L38	225	L39
<u>L38</u>	L36 and @pd<=20021126	217	<u>L38</u>
<u>L37</u>	L36 and @ad<=20021126	107	<u>L37</u>
<u>L36</u>	switch\$ and (capacit\$ with fir\$) and (vehicle or automobile or car or flight or airplane) and (fir\$ near2 circuit\$)	230	<u>L36</u>
<u>L35</u>	L33	1	<u>L35</u>
DB=	=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L34</u>	("20020121810")[URPN]	0	<u>L34</u>
	=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES;		
OP=O			
<u>L33</u>		1	<u>L33</u>
	=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR	4	Y 22
	20020121810		<u>L32</u>
	("20020121810")[PN]		<u>L31</u>
	("20020121810")[PN]		<u>L30</u>
	("20020121810" "20020121810")[URPN]	0	<u>L29</u>
DB= OP=O	=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES; PR		
<u>L28</u>	L26 and (fir\$ near2 circuit)	1	<u>L28</u>
	L26 and L17	0	<u>L27</u>
<u>L26</u>	L23 or L16 or L14 or L12 or L13 or L19 or L20 or L7		<u>L26</u>
<u>L25</u>	L8 and @ad<=20021126		<u>L25</u>
<u>L24</u>	L8 and @pd<=20021126	0	<u>L24</u>
DB=	=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR		
	L9 and capacit\$	1	<u>L23</u>
	=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L22</u>	L20 and fet\$	1	<u>L22</u>
<u>L21</u>	L20 and fet\$		<u>L21</u>
<u>L20</u>	5261694.pn.	1	<u>L20</u>
	US-5666065-A.did.	1	<u>L19</u>
DB= OP=O	=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; PR		
<u>L18</u>	L17 and FET\$	7	<u>L18</u>
<u>L17</u>	restraint\$ and (vehicle or automobile or car or flight or airplane) and (fir\$ near2 circuit)	46	<u>L17</u>
DB^{Ξ}	=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L16</u>	5430314.pn.	1	<u>L16</u>

WEST Refine Search Page 3 of 3

D.D.	DODD WITH ACCOUNT DIAM WEG OD OD		
DB≈	=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L15</u>	L9 and restraint\$	1	<u>L15</u>
<u>L14</u>	20020121810	1	<u>L14</u>
DB=	=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L13</u>	20020121810	. 0	<u>L13</u>
<u>L12</u>	6878996.pn.	1	<u>L12</u>
DB=	=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L11</u>	L9 and 11	1	<u>L11</u>
<u>L10</u>	L9 and supply\$	1	<u>L10</u>
<u>L9</u>	20040108698	1	<u>L9</u>
DB=	=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES;		
OP=O	PR		
<u>L8</u>	L7 and (vehicle or automobile or car or flight or airplane)	0	<u>L8</u>
<u>L7</u>	L6 and @ad<=20021126	4	<u>L7</u>
<u>L6</u>	L4 or L5	10	<u>L6</u>
<u>L5</u>	"reverse diode" and "N-channel FET"	6	<u>L5</u>
<u>L4</u>	"reverse diode" and "N-type FET"	4	<u>L4</u>
DB=	=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L3</u>	6142130.pn.	1	<u>L3</u>
<u>L2</u>	4838457.pn.	1	<u>L2</u>
<u>L1</u>	4838457	35	<u>L1</u>

END OF SEARCH HISTORY

Hit List

Your wildcard search against 10000 terms has yielded the results below. First Hit Your result set for the last L# is incomplete. The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation. Fwd Refs Clear Generate Collection Print **Bkwd Refs** Generate OACS **Search Results -** Record(8) 1 through 3 of 3 returned. ☐ 1. Document ID: US 5207208 A L41: Entry 1 of 3 File: USPT May 4, 1993 US-PAT-NO: 5207208 DOCUMENT-IDENTIFIER: US 5207208 A TITLE: Integrated converter high power CD ignition Full Title Citation Front Review Classification Date Reference Securities Attachings Claims KMC ☐ 2. Document ID: US 4121102 A L41: Entry 2 of 3 File: USPT Oct 17, 1978 US-PAT-NO: 4121102 DOCUMENT-IDENTIFIER: US 4121102 A TITLE: Object identification system Full Title Citation Front Review Classification Date Reference Seguences Attachingents Claims ☐ 3. Document ID: US 3919620 A L41: Entry 3 of 3 File: USPT Nov 11, 1975 US-PAT-NO: 3919620 DOCUMENT-IDENTIFIER: US 3919620 A ** See image for Certificate of Correction ** TITLE: Inverter adaptive lock-out technique Full Title Citation Front Review Classification Date Reference Control State Internal Claims KMC Draw De Generate Collection Clear Print Fwd Refs Bkwd Refs Generate OACS

Hit List

First Hit

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 1 through 10 of 17 returned.

☐ 1. Document ID: US 6584965 B1

L40: Entry 1 of 17

File: USPT

Jul 1, 2003

US-PAT-NO: 6584965

DOCUMENT-IDENTIFIER: US 6584965 B1

TITLE: High efficiency high energy firing rate CD ignition

Full Title | Citation | Front | Review | Classification | Date | Reference | Socilientes | Alta hindris | Claims | KWIC | Draw De

☐ 2. Document ID: US 6523149 B1

L40: Entry 2 of 17

File: USPT

Feb 18, 2003

US-PAT-NO: 6523149

DOCUMENT-IDENTIFIER: US 6523149 B1

** See image for Certificate of Correction **

TITLE: Method and system to improve noise analysis performance of electrical circuits

Full Title Citation Front Review Classification Date Reference Scotlands Shadingeria Claims KMC Draw De

☐ 3. Document ID: US 5734317 A

L40: Entry 3 of 17

File: USPT

Mar 31, 1998

US-PAT-NO: 5734317

DOCUMENT-IDENTIFIER: US 5734317 A

TITLE: Current limit controller for an air bag deployment system

Full Title Citation Front Review Classification Date Reference Edited Front Claims KWC Draw De

L40: Entry 4 of 17

File: USPT

May 4, 1993

US-PAT-NO: 5207208

DOCUMENT-IDENTIFIER: US 5207208 A

TITLE: Integrated converter high power CD ignition

Full Title Citation Front Review Classification Date Reference Communication Claims KWC Draw De Claims Communication Date Reference Communication Claims KWC Draw De Claims Communication Date Reference Communication Date Reference Claims Claims KWC Draw De Claims KWC Draw De Claims KWC Draw De Claims Claims KWC Draw De Claim

US-PAT-NO: 5206455

DOCUMENT-IDENTIFIER: US 5206455 A

TITLE: Laser initiated ordnance systems

Full Title Citation Front Review Classification Date Reference Ref

US-PAT-NO: 5191499

DOCUMENT-IDENTIFIER: US 5191499 A

TITLE: Method and apparatus for current interruption in electrically-powered

apparatus and equipment

Full Title Citation Front Review Classification Date Reference Company Claims KWC Draw De

7. Document 15. 05 199000111

L40: Entry 7 of 17

File: USPT

Feb 5, 1991

US-PAT-NO: 4990884

DOCUMENT-IDENTIFIER: US 4990884 A

TITLE: Method and apparatus for testing an airbag restraint system

Full Title Citation Front Review Classification Date Reference Section 25 Harding Claims KMC Draw. De

□ 8. Document ID: US 4835513 A

L40: Entry 8 of 17

File: USPT

May 30, 1989

US-PAT-NO: 4835513

DOCUMENT-IDENTIFIER: US 4835513 A

Record List Display Page 3 of 3

** See image for <u>Certificate of Correction</u> **

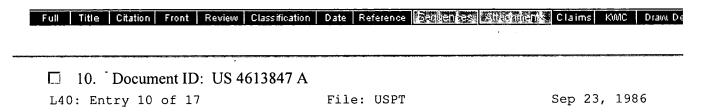
TITLE: Method and apparatus for testing an airbag restraint system

Full Title Citation Front Review Cl.	ssification Date Reference September	Stiet metric Claims KW1C Draw De
☐ 9. Document ID: US 4623	27Λ Λ	
L40: Entry 9 of 17	File: USPT	Nov 18, 1986

US-PAT-NO: 4623824

DOCUMENT-IDENTIFIER: US 4623824 A

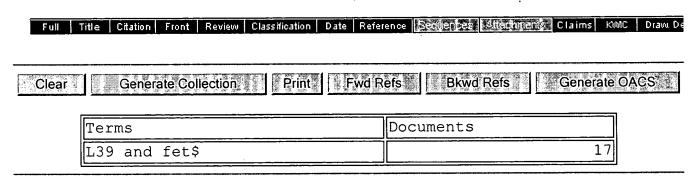
TITLE: Controlled high voltage generator



US-PAT-NO: 4613847

DOCUMENT-IDENTIFIER: US 4613847 A

TITLE: Emergency signal



Display Format: - Change Format

Previous Page Next Page Go to Doc#

Hit List

First Hit

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 11 through 17 of 17 returned.

☐ 11. Document ID: US 4586715 A

L40: Entry 11 of 17

File: USPT

May 6, 1986

US-PAT-NO: 4586715

DOCUMENT-IDENTIFIER: US 4586715 A

TITLE: Toy laser pistol

Full Title Citation Front Review Classification Date Reference States Alacinions Claims KWC Draw De La Company De

US-PAT-NO: 4207468

DOCUMENT-IDENTIFIER: US 4207468 A

TITLE: Object identification system

Full Title Citation Front Review Classification Date Reference Source Michigans Claims KWC Draw De La 13. Document ID: US 4121102 A

L40: Entry 13 of 17 File: USPT Oct 17, 1978

US-PAT-NO: 4121102

DOCUMENT-IDENTIFIER: US 4121102 A

TITLE: Object identification system

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

L40: Entry 14 of 17

File: USPT

Nov 11, 1975

US-PAT-NO: 3919620

DOCUMENT-IDENTIFIER: US 3919620 A

** See image for Certificate of Correction **

TITLE: Inverter adaptive lock-out technique

Full Title Citation Front Review Classification Date Reference Seviences Attachinents Claims KWIC Draw De ☐ 15. Document ID: US 3102166 A

L40: Entry 15 of 17

File: USOC

Aug 27, 1963

US-PAT-NO: 3102166

DOCUMENT-IDENTIFIER: US 3102166 A

TITLE: Toll ticketing telephone system

DATE-ISSUED: August 27, 1963

INVENTOR-NAME: BERCH WILLIAM H; CLEMENT MILTON A ; KAYE ROBERT K ; WILLIAM NEWITT

JOHN

US-CL-CURRENT: <u>379/111</u>, <u>379/124</u>

Full Title Citation Front Review Classification Date Reference Capturences Altacluterities Claims KMC Draw De

☐ 16. Document ID: US 2830125 A

L40: Entry 16 of 17

File: USOC

Apr 8, 1958

US-PAT-NO: 2830125

DOCUMENT-IDENTIFIER: US 2830125 A

TITLE: Electronic switching system

DATE-ISSUED: April 8, 1958

INVENTOR-NAME: GEORGE ELLIOTT

US-CL-CURRENT: 370/357

Full Title Citation Front Review Classification Date Reference Sequences 4tterinfierts Claims KMC Draw De ☐ 17. Document ID: US 2830122 A Apr 8, 1958 L40: Entry 17 of 17 File: USOC

US-PAT-NO: 2830122

DOCUMENT-IDENTIFIER: US 2830122 A

TITLE: Electronic telephone system

DATE-ISSUED: April 8, 1958

INVENTOR-NAME: TROUSDALE ROBERT B

US-CL-CURRENT: 370/359; 370/384, 379/290, 379/293

Full	Title Citation	Front Review	Classification	Date	Reference	Sequences	Altachite	(S. Claims	KWIC	Draw, De
Clear	Genera	ate Collection	Rrint		wd Refs	Bkw	d Refs	Gener	ate O/	cş
	Terms	<u>.</u>			Do	cuments				
	L39 and	fet\$							17	•

Display Format: - Change Format

Previous Page Next Page Go to Doc#

Advanced Search:

Inspec - 1898 to date (INZZ)

limit

Search history:

No.	Database	Search term	Info added since	Results	
1	INZZ	firing ADJ adj2 ADJ (capacitor OR pulse) AND restraint	unrestricted	0	-
2	INZZ	firing ADJ (capacitor OR pulse) AND restrain	unrestricted	0	-
3	INZZ	firing ADJ (capacitor OR pulse) AND (vehicle OR car OR automobile)	unrestricted	1	show titles

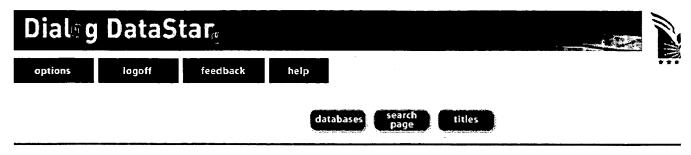
hide | delete all search steps... | delete individual search steps...

Enter your search term(s): Search tips	esaurus mapping whole document	T	
			•
Information added since: or: none (YYYYMMDD)			search
Documents with images			
Select special search terms from the following I	ist(s):		
Publication year 1950-			
Publication year 1898-1949			
Inspec thesaurus - browse headings A-G			
◆ Inspec thesaurus - browse headings R-Z			
🔾 Inspec thesaurus - enter a term			
Classification codes A: Physics, 0-1		•	
Classification codes A: Physics, 2-3			
Classification codes A: Physics, 4-5			
Classification codes A: Physics, 6			
Classification codes A: Physics, 7			
Classification codes A: Physics, 8			
Classification codes A: Physics, 9			
Classification codes B: Electrical & Electroni	cs, 0-5		
Classification codes B: Electrical & Electroni	cs, 6-9		
Classification codes C: Computer & Control			
Classification codes D: Information Technology	ogy		

- 0
- Classification codes E: Mech., Manufac. & Production Engineering
- Treatment codes
- Inspec sub-file
- Language of publication
- Publication types

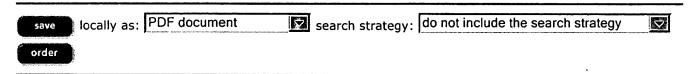
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Document

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document 1 of 1 Order Document

Inspec - 1898 to date (INZZ)

Accession number & update

0002857053 20051201.

Title

Microprocessor based ignition controller for the automobile industry.

Source

Computers in Industry, {Comput-Ind-Netherlands}, Dec. 1986, vol. 7, no. 6, p. 547-51, 0 refs, CODEN: CINUD4, ISSN: 0166-3615, Netherlands.

Author(s)

Mathialagan-A, Vijayaraghavan-P.

Author affiliation

Mathialagan, A., Vijayaraghavan, P., Madras Inst. of Technol., Anna Univ., India.

Abstract

This paper deals with the microprocessor based ignition control for an **automobile**. To get a better performance from an IC engine, accurate control of ignition timing is necessary. To effectively use the maximum pressure obtained in the engine, the **firing** instant is to be advanced before the Top Dead Centre. This method utilizes a single look-up table and a hardware counter for generating the **firing pulse**.

Descriptors

E AUTOMOBILES; COMPUTERISED-CONTROL; E ELECTRIC-IGNITION; INTERNAL-COMBUSTION-ENGINES; TABLE-LOOKUP.

Classification codes

B8520B Automobile-electronics*;

C3340B Control-of-heat-systems*;

C3340H Control-of-electric-power-systems;

C7420 Control-engineering-computing.

Keywords

IC-engine; ignition-timing; **firing-instant**; Top-Dead-Centre; look-up-table; hardware-counter; **firing-pulse.**

Treatment codes

P Practical.

Language

English.

Publication type

Journal-paper.

Publication year

1986.

Publication date

19861200.

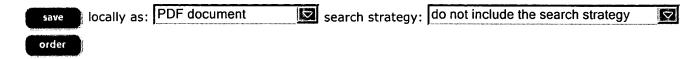
Edition

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